

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/090328 A1

(51) International Patent Classification⁷:**F03D 9/00**

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/KR2004/000811

(22) International Filing Date: 7 April 2004 (07.04.2004)

(25) Filing Language:

Korean

(26) Publication Language:

English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(30) Priority Data:

10-2003-0021586	7 April 2003 (07.04.2003)	KR
20-2004-0009502	7 April 2004 (07.04.2004)	KR

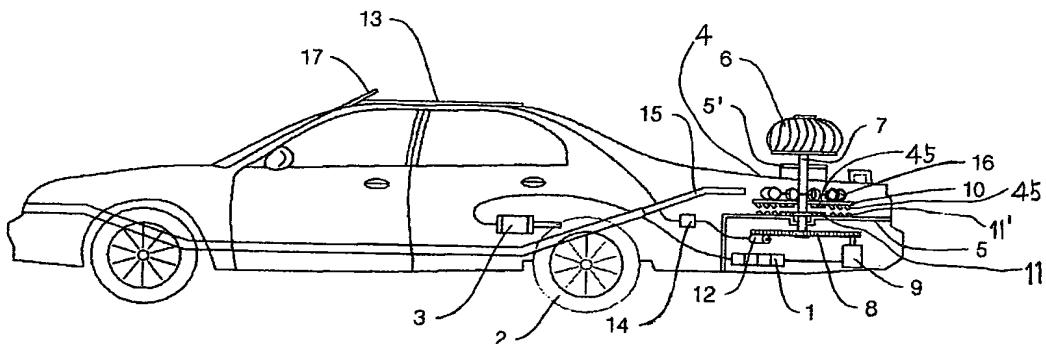
(71) Applicant (for all designated States except US): **KIM, Jay Eung Jung** [US/US]; 304-15, Carmel Avenue, Marina, 93933-3121 CA (US).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VEHICLE USING WIND FORCE



(57) Abstract: Disclosed is a vehicle using wind force. An object of the present invention is to provide a wind force power system driven by wind is provided within a hood panel of the vehicle, whereby the vehicle continuously charge a battery with electricity while being stopped or driving. The vehicle using wind force includes a wind force power system, the Power system comprising a ventilator that is rotated by the wind flowing along the roof panel in the rear of the vehicle, a shaft connected to the ventilator, a rotary gear connected to the shaft, a follower gear engaged with the rotary gear, and an electric generator for generating electricity as the follower gear rotates, wherein the electric generator of the wind force power system is electrically connected to the battery and the battery is electrically connected to the driving motor.